

Name: \_\_\_\_\_

### Worksheet Factoring – Differences of Squares – Version 1

Directions: Please fully factor the following expressions.

1.  $x^2 - 25$

2.  $y^2 - 36$

3.  $9x^2 - 1$

4.  $25x^6 - 64$

5.  $225 - k^2$

6.  $x^8 - 81$

7.  $x^2y^8 - 1$

8.  $16x^2 - 4$

9.  $200x^2 - 2$

10.  $32x^2 - 2y^2$